



## PATENT APPLICATION

Sheet 1 of 5

FORM PTO-1449  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)	ATTY. DOCKET NO.	SERIAL NO.
	10003869-3	(Filed Herewith)
	APPLICANT	
	Xiao-An Zhang et al	
	FILING DATE	GROUP
	(Filed Herewith)	

## REFERENCE DESIGNATION




## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	1A	6,128,214	10/3/2000	Kuekes et al	365	151
	1B	6031756	2/29/2000	Gimzewski et al.	365	151
	1C					
	1D					
	1E					
	1F					
	1G					
	1H					
	1I					
	1J					
	1K					

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
	1L							
	1M							
	1N							
	1O							
	1P							

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	1Q	U.S. Patent Application, Serial No.: 09/280,048 entitled "Chemically Synthesized and Assembled Electronic Devices", filed on March 29, 1999
	1R	U.S. Patent Application, Serial No.: 09/280,225 entitled "Molecular Wire Crossbar Interconnects for Signal Routing and Communications", filed on March 29, 1999
	1S	U.S. Patent Application, Serial No.: 09/280,045 entitled "Molecular Wire Crossbar Logic", filed on March 29, 1999

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DATE CONSIDERED

1/14/03

## PATENT APPLICATION

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	APPLICANT <b>Xiao-An Zhang et al</b>	
	FILING DATE <b>(Filed Herewith)</b>	GROUP

## REFERENCE DESIGNATION


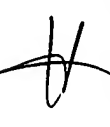

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
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							YES	NO
	2L							
	2M							
	2N							
	2O							
	2P							

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	2Q	U.S. Patent Application, Serial No.: 09/280,049 entitled "Demultiplexer for a Molecular Wire Crossbar Network", filed on March 29, 1999
	2R	U.S. Patent Application, Serial No.: 09/280,188 entitled "Molecular Wire Transistors" filed on March 29, 1999
	2S	C.P. Collier et al, "Electronically Configurable Molecular-Based Logic Gates", Science, Vol. 285, pp. 391-394 (16 July 1999)

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DATE CONSIDERED

1/14/09

## PATENT APPLICATION

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LIST OF PATENTS AND PUBLICATIONS FOR  
APPLICANT'S INFORMATION DISCLOSURE  
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10003869-13

SERIAL NO.

(Filed Herewith)

APPLICANT

Xiao-An Zhang et al

FILING DATE

(Filed Herewith)

GROUP

## REFERENCE DESIGNATION




## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	3A					
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							YES	NO
	3L							
	3M							
	3N							
	3O							
	3P							

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

  	3Q	C.P. Collier et al, "A [2]Catenane-Based Solid State Electronically Reconfigurable Switch", Science, Vol. 289, pp. 1172-1175 (18 August 1000)
	3R	A.M. Morales et al, "A laser ablation method for the synthesis of crystalline semiconductor nanowires", Science, Vol. 279, pp. 208-211 (Jan. 9, 1998)
	3S	J.R. Heath et al, "A liquid solution synthesis of single crystal germanium quantum wires", Chemical Physics Letters, Vol. 208, pp. 263-268 (June 11, 1993)

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DATE CONSIDERED

1/19/05

**PATENT APPLICATION**  
Sheet 4 of 5

<b>FORM PTO-1449</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  (Use several sheets if necessary)	<b>ATTY. DOCKET NO.</b> <b>10003869-3</b>	<b>SERIAL NO.</b> <b>(Filed Herewith)</b>
	<b>APPLICANT</b> <b>Xiao-An Zhang et al</b>	
	<b>FILING DATE</b> <b>(Filed Herewith)</b>	<b>GROUP</b>




**REFERENCE DESIGNATION U.S. PATENT DOCUMENTS**

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	4A					
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							YES	NO
	4L							
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	4O							
	4P							

**OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)**

	4Q	V.P. Menon et al, "Fabrication and Evaluation of Nano-electrode Ensembles", Analytical Chemistry, Vol. 67, pp. 1920-1928 (July 1, 1995)
	4R	T. Vossmeier et al, "Combinatorial approaches toward patterning nanocrystals", Journal of Applied Physics, Vol. 84, pp. 3664-3670 (Oct. 1, 1998)
	4S	D.V. Leff et al, "Thermodynamic Control of Gold Nanocrystal Size: Experiment and Theory", The Journal of Physical Chemistry, Vol. 99, pp. 7036-7041 (May 4, 1995)

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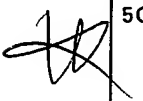
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	5N							
	5O							
	5P							

## OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	5Q	J.D.L. Holloway et al, "Electron-transfer reactions of metallocenes: Influence of metal oxidation state on structure and reactivity", Journal of the American Chemical Society, Vol. 101, pp. 2038-2044 (April 11, 1979)
	5R	
	5S	

EXAMINER



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1/14/05